**TEMPLECITY INSTITUTE OFTECHNOLOGY & ENGG. (DIPLOMA)**

**1STInternal Assessment Test-W-2021**

**Sub:-DS FM – 20**

**Branch: - CSE 3rd Sem Time: - 1 Hour**

(Figures in the right-hand margin indicate marks)

1. **Answer any Three.**  **(3 x2)**
2. Define Program?
3. What is Algorithm?
4. Write definition of Datastructure?
5. Define Data?
6. **Answer any Two.**  **(2 x 3.5)**
7. Explain Types of Datastructure ?
8. Explain time complexity and space complexity?
9. Write down one dimensional array program in C?
10. **Answer any one.**  **(1 x 07)**
11. What is 2D Array?explain with example?
12. Explain difference between Array and Stack?

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